



1722

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Stephen T. Garelli

Filed: January 17, 2002

Serial Number: 10/051,200

Title: METHOD AND MOLD FOR
MOLDING FLEXIBLE
POLYMERIC ENVELOPES

Attorney Docket: MSH - 206US

Group Art Unit: 1722

Examiner: Emmanuel S. Luk

Substitute Supplemental
Amendment

March 18, 2004

COMMISSIONER FOR PATENTS
P. O. BOX 1450
ALEXANDRIA VA 22313-1450

Dear Sir:

REMARKS

In response to the Notice of Non-Compliant Amendment mailed on March 11, 2004, the applicant hereby submits a supplemental amendment in this application.

Please delete claim 2.

Please add claim 8.

Please amend claim 3.

Respectfully submitted,

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AMENDMENTS

Claim 8 (New) A method of molding, the method comprising:

(I) providing a molding machine containing a mold, wherein the mold comprises:

- (A) an upper mold segment having an upper surface;
- (B) a lower mold segment having a bottom surface, and
- (C) a moveable core having a top surface, a bottom surface and a centered opening therethrough, said opening having a near end and a distal end; wherein each mold segment has a confronting flat surface, each mold segment being capable of mating with the other mold segment at their respective confronting flat surfaces; there being located in the confronting flat surface of each segment, a concavity, each concavity having an opening centered in said concavity; the opening in the concavity of the lower mold segment running through the lower mold segment and exiting through the bottom surface of the lower mold segment; the opening in the concavity of the upper mold segment running through the upper mold segment and exiting through the upper surface of the upper mold segment; the moveable core having an outside configuration essentially identical to the concavities when the mold segments are mated with each other, the core having integrally attached to the bottom thereof, a stem, said stem being slidably mounted in the opening in the concavity of the lower mold segment and extending beyond the bottom surface of the lower mold segment, said stem having centered therethrough, an opening; the centered opening in the core having an air valve located in and near the near end thereof, said centered opening in the core and said centered opening in the stem being interconnected to allow the intermittent passage of gas therethrough, there being a space created

between the outside configuration of the core and the concavities
when the mold segments are mated;

(II) providing a clamping force on the mold;

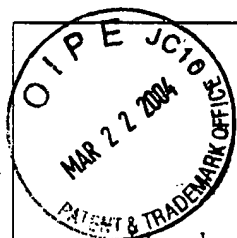
(III) injecting liquid moldable material into the upper mold segment via the upper mold segment opening and allowing the liquid moldable material to fill the space created between the outside configuration of the core and the concavities;

(IV) allowing the liquid moldable material to become a solid molded product;

(V) removing the clamping force on the mold and separating the upper mold segment and the lower mold segment and thereafter, moving the core from the lower mold segment;

(VI) thereafter, injecting gas into the centered opening in the stem, thereby opening the gas valve in the near end of the centered opening in the core, and allowing the solid molded product to be inflated by the injected gas until the solid molded product is released from the core and thereafter, removing the solid molded product from the mold.

Claim 3. (Currently amended) A solid molded product when produced by the process of claim [2] 8.



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USSN: 10/051,200

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TITLE: METHOD AND MOLD FOR MOLDING
FLEXIBLE POLYMERIC ENVELOPES

On March 18, 2004

Date

response to a Notice of Non-Compliant Amendment consisting of a cover letter
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Robert L. McKellar

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